

Title (en)
METHOD AND PLANT FOR THE DISPOSAL OF PARTLY RECYCLED REFRIGERATORS

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EP 0433638 A3 19920212 (DE)

Application
EP 90121363 A 19901108

Priority
DE 3941742 A 19891218

Abstract (en)
[origin: EP0433638A2] The invention relates to a method and plant for the disposal of partially dismantled refrigerators, especially for the disposal of chlorofluorocarbon-containing polyurethane foam. <??>The partly dismantled refrigerators are introduced into a disposal plant which can be sealed gas-tight, can be operated under a vacuum and can be evacuated at a number of points, and comminuted in a comminution plant. The materials adhering to the PUR foam are mechanically separated off. The residue-free PUR foam is ground to a powder, the cells of the PUR foam being destroyed and the bound chlorofluorocarbon-containing blowing gas being released. <??>The residues and PUR powder are collected separately, and the chlorofluorocarbon-containing gas obtained on comminution and grinding is liquefied. <??>The advantages achieved by the invention are especially that the disposal of the refrigerators supplied is complete, more than 99% of the chlorofluorocarbon-containing gas being liquefied and recycled together with the other recovered materials. <IMAGE>

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Citation (search report)
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